



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

#9
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SERIAL NO. 09/118,945 Technology Center 2600

TITLE Extension of Fast Phong Shading Technique for Bump Mapping

INVENTORS James T. Hurley and Fedor A. Pletenev

FILING DATE July 17, 1998

GROUP ART UNIT 2779

EXAMINER M. Good-Johnson

ATT'Y DKT. NO. 042390.P4661

Drawing Review Branch

Washington, DC 20231

REQUEST TO APPROVE DRAWINGS

Applicant is submitting herewith copies of informal drawings (Figs. 3, 8 and 9) for the above-identified case. The drawings include proposed changes, indicated in red, for approval by the Drawing Review Branch. Formal drawings will be submitted once claims have been allowed in the case. Applicant respectfully requests that the Drawing Review Branch approve the proposed changes. If any additional fee is required, please charge Deposit Account 02-2666.

Yours truly,

Leo V. Novakoski, Reg. No. 37,198

Intel Corporation

SC4-202

Mission College Blvd.

Santa Clara, CA 95052-8119

408-765-5334

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on 11-9-00

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Shane M. Osofsky
Name of Person Mailing Correspondence

Shane M.
Signature

11-9-00
Date

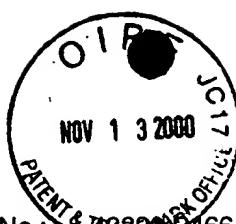
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Technology Center 2600

Patent

Attorney's Docket No.: 742860-4661



In re the Application of: James T. Hurley and Fedor A. Pletenev
(inventor(s))

Application No.: 09/118,944

Filed: July 17, 1998

For: EXTENSION OF FAST PHONG SHADING TECHNIQUE FOR BUMP MAPPING
(title)

ASSISTANT COMMISSIONER FOR PATENTS

Washington, D.C. 20231

SIR: Transmitted herewith is an Amendment for the above application.

- Small entity status of this application under 37 C.F.R. §§ 1.9 and 1.27 has been established by a verified statement previously submitted.
 A verified statement to establish small entity status under 37 C.F.R. §§ 1.9 and 1.27 is enclosed.
 No additional fee is required.

The fee has been calculated as shown below:

	(Col. 1)		(Col. 2)	(Col. 3)
Total Claims	*20	Minus	**20	0
Indep. Claims	*5	Minus	***4	1
First Presentation of Multiple Dependent Claim(s)				

SMALL ENTITY	
Rate	Additional Fee
X9	\$
X40	\$
+135	\$
Total Add. Fee	\$

OTHER THAN A SMALL ENTITY	
Rate	Additional Fee
X18	\$ 0
X80	\$ 80
+270	\$
Total Add. Fee	\$ 80.00

- * If the entry in Col. 1 is less than the entry in Col. 2, write "0" in Col. 3.
** If the "Highest No. Previously Paid For" IN THIS SPACE is less than 20, write "20" in this space.
*** If the "Highest No. Previously Paid For" IN THIS SPACE is less than 3, write "3" in this space. The "Highest No. Previously Paid For" (Total or Independent) is the highest number found from the equivalent box in Col. 1 of a prior amendment or the number of claims originally filed.

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Date of Deposit

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Name of Person Mailing Correspondence

Sharon M. Osofsky
Signature

11-9-00
Date

A check in the amount of \$ 80.00 is attached for presentation of additional claim(s).
 Applicant(s) hereby Petition(s) for an Extension of Time of Three month(s) pursuant to
37 C.F.R. § 1.136(a).

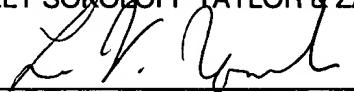
A check for \$ 890.00 is attached for processing fees under 37 C.F.R. § 1.17.
Please charge my Deposit Account No. 02-2666 the amount of \$ _____.

The Commissioner of Patents and Trademarks is hereby authorized to charge payment of the
following fees associated with this communication or credit any overpayment to Deposit Account
No. 02-2666

Any additional filing fees required under 37 C.F.R. § 1.16 for presentation of
extra claims.

Any extension or petition fees under 37 C.F.R. § 1.17.

BLAKELY SOKOLOFF TAYLOR & ZAFMAN LLP



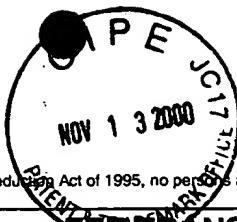
Leo V. Novakoski

Reg. No. 37,198

Date: 11/8/00

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Seventh Floor
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(408) 720-8300

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PTO/SB/17(09-00) Approved for use through 10/31/2002. OMB 0651-0032

Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

2672 2715
\$

FEES TRANSMITTAL FOR FY 2001

TOTAL AMOUNT OF PAYMENT (\$) 1130.00

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Technology Center 2600

Complete if Known:

Application No. 09/118,944

Filing Date July 17, 1998

First Named Inventor Hurley et al.

Group Art Unit 2779

Examiner Name M. Good-Johnson

Attorney Docket No. 42390.P4661

METHOD OF PAYMENT (check one)

1. The Commissioner is hereby authorized to charge indicated fees and credit any over payments to:

Deposit Account Number 02-2666

Deposit Account Name Blakely, Sokoloff, Taylor & Zafman LLP

- Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17

2. Payment Enclosed:

Check

Money Order

Other

FEE CALCULATION

1. BASIC FILING FEE

Large Entity	Small Entity	Fee Description	Fee Paid
Fee	Fee	Fee	
Code	(\$)	Code	(\$)
101	710	201	355
106	320	206	160
107	490	207	245
108	710	208	355
114	150	214	75
		Utility application filing fee	
		Design application filing fee	
		Plant filing fee	
		Reissue filing fee	
		Provisional application filing fee	

SUBTOTAL (1) \$ 0

2. EXTRA CLAIM FEES

	Extra Claims	Fee from below	Fee Paid
Total Claims	- 20** =	X	=
Independent Claims	- 3** =	X	=
Multiple Dependent			=

**Or number previously paid, if greater; For Reissues, see below.

Large Entity	Small Entity	Fee Description	
Fee	Fee	Fee	
Code	(\$)	Code	(\$)
103	18	203	9
102	80	202	40
104	270	204	135
109	80	209	40
110	18	210	9
		Claims in excess of 20	
		Independent claims in excess of 3	
		Multiple dependent claim, if not paid	
		**Reissue independent claims over original patent	
		**Reissue claims in excess of 20 and over original patent	

SUBTOTAL (2) \$ 0

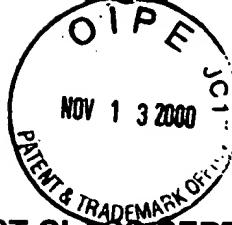
FEE CALCULATION (continued)**3. ADDITIONAL FEES**

Large Entity	Small Entity	Fee Description	Fee Paid		
Fee Code	Fee (\$)	Fee Code (\$)			
105	130	205	65	Surcharge - late filing fee or oath	
127	50	227	25	Surcharge - late provisional filing fee or cover sheet	
139	130	139	130	Non-English specification	
147	2,520	147	2,520	For filing a request for reexamination	
112	920*	112	920*	Requesting publication of SIR prior to Examiner action	
113	1,840*	113	1,840*	Requesting publication of SIR after Examiner action	
115	110	215	55	Extension for response within first month	
116	390	216	195	Extension for response within second month	
117	890	217	445	Extension for response within third month	890.00
118	1,390	218	695	Extension for response within fourth month	
128	1,890	228	945	Extension for response within fifth month	
119	310	219	155	Notice of Appeal	
120	310	220	155	Filing a brief in support of an appeal	
121	270	221	135	Request for oral hearing	
138	1,510	138	1,510	Petition to institute a public use proceeding	
140	110	240	55	Petition to revive unavoidably abandoned application or unavoidably delayed payment of issue fee	
141	1,240	241	620	Petition to revive unintentionally abandoned application or unintentionally delayed payment of issue fee	
142	1,240	242	620	Utility issue fee (or reissue)	
143	440	243	220	Design issue fee	
144	600	244	300	Plant issue fee	
122	130	122	130	Petitions to the Commissioner	
123	50	123	50	Petitions related to provisional applications	
126	180	126	180	Submission of Information Disclosure Stmt	180.00
581	40	581	40	Recording each patent assignment per property (times number of properties)	
146	710	246	355	For filing a submission after final rejection (see 37 CFR 1.129(a))	
149	710	249	355	For each additional invention to be examined (see 37 CFR 1.129(b))	
179	710	279	355	Request for Continued Examination (RCE)	
169	900	169	900	Request for expedited examination of a design application	
Other fee (specify)	<u>Fee for additional independent claims</u>			80.00	
Other fee (specify)					

SUBTOTAL (3) \$ 1130.00

*Reduced by Basic Filing Fee Paid

SUBMITTED BY:Typed or Printed Name: Leo V. NovakoskiSignature: L. Novakoski Date: 11/8/08Reg. Number: 37,198 Telephone Number: 408-720-8300



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FIRST CLASS CERTIFICATE OF MAILING Technology Center 2600

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Sharon M. Osofsky

Name of Person Mailing Correspondence

Sharon M. Osofsky 11-9-00

Signature

Date

Serial/Patent No.: 09/118,944 Filing/Issue Date: July 17, 1998
Client: Intel Corporation
Title: EXTENSION OF FAST PHONG SHADING TECHNIQUE FOR BUMP MAPPING

BSTZ File No.: 42390.P4661 Atty/Secty Initials: LVN/smo
Date Mailed: 11-9-00 Docket Due Date: 8/11/00

The following has been received in the U.S. Patent & Trademark Office on the date stamped hereon:

- | | | |
|-------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------|------------------------------------------------------------|
| <input checked="" type="checkbox"/> Amendment/Response (<u> </u> pgs.) | <input type="checkbox"/> Express Mail No: _____ | <input checked="" type="checkbox"/> Check No. <u>38818</u> |
| <input type="checkbox"/> Appeal Brief (<u> </u> pgs.) (in triplicate) | <input type="checkbox"/> _____ Month(s) Extension of Time | Amt: \$890.00 |
| <input type="checkbox"/> Application - Utility (<u> </u> pgs., with cover and abstract) | <input checked="" type="checkbox"/> Information Disclosure Statement & PTO-149 (<u> </u> pgs.) | <input checked="" type="checkbox"/> Check No. <u>38819</u> |
| <input type="checkbox"/> Application - Rule 1.53(b) Continuation (<u> </u> pgs.) | <input type="checkbox"/> Issue Fee Transmittal | <input type="checkbox"/> Amt: \$180.00 |
| <input type="checkbox"/> Application - Rule 1.53(b) Divisional (<u> </u> pgs.) | <input type="checkbox"/> Notice of Appeal | <input checked="" type="checkbox"/> XX <u>38820</u> |
| <input type="checkbox"/> Application - Rule 1.53(b) CIP (<u> </u> pgs.) | <input checked="" type="checkbox"/> Petition for Extension of Time | <input type="checkbox"/> \$80.00 |
| <input type="checkbox"/> Application - Rule 1.53(d) CPA Transmittal (<u> </u> pgs.) | <input checked="" type="checkbox"/> Petition for <u>3 months</u> | |
| <input type="checkbox"/> Application - Design (<u> </u> pgs.) | <input checked="" type="checkbox"/> Postcard | |
| <input type="checkbox"/> Application - PCT (<u> </u> pgs.) | <input type="checkbox"/> Power of Attorney (<u> </u> pgs.) | |
| <input type="checkbox"/> Application - Provisional (<u> </u> pgs.) | <input type="checkbox"/> Preliminary Amendment (<u> </u> pgs.) | |
| <input type="checkbox"/> Assignment and Cover Sheet | <input type="checkbox"/> Reply Brief (<u> </u> pgs.) | |
| <input checked="" type="checkbox"/> Certificate of Mailing | <input type="checkbox"/> Response to Notice of Missing Parts | |
| <input type="checkbox"/> Declaration & POA (<u> </u> pgs.) | <input type="checkbox"/> Small Entity Declaration for Indep. Inventor/Small Business | |
| <input type="checkbox"/> Disclosure Dcts & Org & Copy of Inven/Ind Sgn'd Letter (<u> </u> pgs.) | <input type="checkbox"/> Transmittal Letter, in duplicate | |
| <input type="checkbox"/> Drawings: <u> </u> # of sheets includes <u> </u> figures. | <input checked="" type="checkbox"/> Fee Transmittal, in duplicate | |

Other: Request to Approve Drawings
3 redlined drawings enclosed.